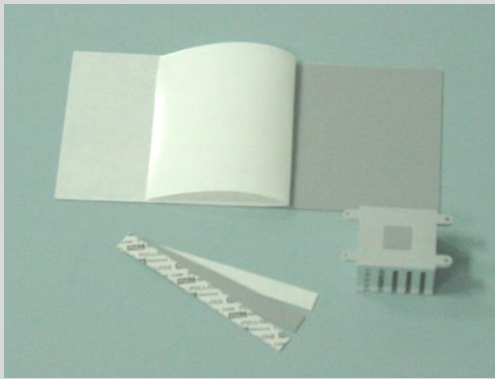


Features and Benefit

- 4.0W/m-K
- Naturally tacky
- RoHS compliant
- Halogen-free



OC-7300 is a thermally conductive phase change material having a softening temperature of 55°C. The liquid phase of the material can fill interface irregularities with much higher efficiency than traditional gap filler. On the other hand, it is a solid at room temperature and can be handled easily during installation.

OC-7300 is RoHS compliant and conforms to halogen-free standard. It is naturally tacky and additional adhesive is generally not required.

Typical Application

- Automotive control units
- Power supply
- Audio and video component
- General high pressure interface
- Micro processor

Color

- Grey
- Please contact us for other color requirements

Standard Configurations

- Thickness: 0.005" - 0.02"
- Sheet size: 12" X 16"
- Please consult our factory for alternative thicknesses
- OpTIM™ OC-7300 may be die cut into individual sizes

Typical Properties

Properties	OC-7300 Series	Test Method
Construction & Composition	Phase change materials	—
Color	Grey	Visual
Thickness Range (inch)/(mm)	0.005~0.02" (±0.002) 0.127~0.508mm (±0.05)	—
Specific Gravity (g.cm ⁻³)	1.8	—
Shelf life (Months)	12	—
Phase change temperature (°C)	55	—
Temperature Range (°C)	-40~130°C	—
Thermal Conductivity (W.m.K ⁻¹)	4.0	ASTM D5470 (Modified)
Thermal Impedance @ 80psi (°C.in ² /W)	0.065	ASTM D5470 (Modified)

Please contact us for other special requirements

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